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BARROWFORD URBAN DISTRICT COUNCIL

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
1961.



Robert E. Robinson
Medical Officer
of Health.

BARROWFORD URBAN DISTRICT COUNCIL

PUBLIC HEALTH STAFF

Medical Officer of Health:

Robert E. Robinson, M.A., M.R.C.S.,
L.R.C.P., D.P.H.

Surveyor & Public Health Inspector:

F. Highfield, A.R.I.C.S., M.I.Mun.E.,
M.R.S.H., Cert. R.S.I.

Assistance is given by the Staff of the
Public Health Department, Nelson, by
arrangement between the two authorities.

Local Legislation (including byelaws) in
force in the district.

Operative Date.

Infectious Diseases (Notification) Act, 1889.	30th August, 1889.
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Infectious Diseases (Prevention of) Act, 1890.	4th August, 1890.
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Public Health Acts, (Amendment Act) 1890.	8th June, 1893.
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Public Health (Amendment Act) 1907.	28th August, 1907.
(Parts 2, part 3 (except ss. 39, 40, 41, 42, 50 and 51) part 4 (except ss. 58 and 67) and Part 6.	

Byelaws.

Nuisances	1894	18th July, 1894.
Slaughterhouses	1894	18th July, 1894.
Offensive Trades	1894	18th July, 1894.
Common Lodging Houses	1894	18th July, 1894.
New Streets	1925	7th February 1925.
Clean Food	1950	11th August, 1950.
Building	1953	18th November, 1953.

Public Health Department,
21 Carr Road,
NELSON.

26th July, 1962.

To the Chairman and Members of the
Barrowford Urban District Council,

Mr. Chairman and Gentlemen,

I have pleasure in presenting my Annual Report on the health and sanitary conditions of your district for the year 1961.

The Registrar-General's mid-year estimate of population showed a further decrease of 60, and the provisional population figure obtained from the 1961 Census taken later in the year indicated a further decrease of 89.

The most noteworthy features of the year were a marked decrease in the Birth Rate which was the smallest for nine years and a substantial increase in the Death Rate which was the highest for very many years. With a declining and ageing population both these factors are, of course, to be expected.

An increase in the Infant Mortality Rate appeared somewhat high but that was on account of the small number of births involved.

It is pleasing to report that for the thirteenth successive year no Maternal death was registered and that very few notifiable diseases occurred amongst the community.

Once again I would express my thanks and appreciation to your Council and officials, for their courtesy and assistance and to the staff of the Health Department, Nelson, with whom you have a working arrangement.

I have the honour to be

Mr. Chairman & Gentlemen,

Your obedient Servant,

R.E. Robinson,

Medical Officer of Health.

S T A T I S T I C S A N D S O C I A L
C O N D I T I O N S
O F T H E A R E A

Area in acres	1,387
Population- Census 1961 (prov)	4,531
Registrar General's Estimate of Home Population, Mid-1961.	4,620

Note: This figure is a decrease of 60 on the figure supplied for mid- 1960, but is 89 more than the 1961 provisional Census population.

Number of inhabited houses at the end of 1961 according to the rate books.	1926.
Rateable Value	£56,101.
Sum represented by a penny rate	£206.

In Barrowford furniture and shuttle making, sheet metal work and textiles are the chief industries. In the locality generally, the manufacture of textiles is still the largest single industry, employing more than 50% of the insured population, and the prosperity of the area is still largely dependent thereon. The Government sponsored Re-organisation Scheme for the cotton industry appeared to have largely achieved the object of a more compact industry and the majority of workers made redundant had been re-absorbed into other jobs. During the latter part of the year there was however some decline in textile trading and activity within the industry slackened somewhat. This was made apparent in some firms by the extended holidays at Christmas.

VITAL STATISTICS

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Live Births -			
Legitimate	25	20	45
Illegitimate	<u>2</u>	<u>2</u>	<u>4</u>
	<u>27</u>	<u>22</u>	<u>49</u>

Live Birth Rate per 1,000 estimated home population.

-7-

Crude	10.6.
Adjusted	11.9.
Comparability Factor	1.12.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Still Births -			
Legitimate	2	-	2
Illegitimate	1	-	1
Still Birth Rate per 1,000 total (Live and Still) births			57.7.
Still Birth Rate per 1,000 estimated home population			0.64
Total Live and Still Births			52
Combined Live and Still Birth Rate per 1,000 estimated home population			11.25
Illegitimate Live Births per cent of total Live Births			8.2%
Illegitimate Birth Rate per 1,000 total (Live and Still) births			96.1
Illegitimate Birth Rate per 1,000 estimated home population			1.08

LIVE BIRTHS

There was a marked decrease in the number of live births assignable to Barrowford during last year. The total of 49 was a decrease of 20 on the previous year, was 19 less than the average over the previous five years and also the smallest since 1950. Only 12 births, or 24.5% of the total actually occurred in Barrowford.

The Crude Live Birth Rate was therefore only 10.6 per 1,000 of estimated population, a decrease of 4.1 per 1,000 on the previous year and the smallest since 1952. The Adjusted Live Birth Rate, for external comparison purposes, was only 11.9 per 1,000 estimated population, a decrease of 4.6 per 1,000 on the 1960 figure. It was 5.5 per 1,000 less than the national rate and 5.9 per 1,000 less than that for the adjoining Borough of Nelson.

STILL BIRTHS

There were 3 Still Births registered, giving Still Birth Rates of 57.7 per 1,000 total births and 0.64 per 1,000 of population.

The national rates were 18.7 per 1,000 total births and 0.33 per 1,000 population.

DEATHS

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Number registered	40	51	91
Death Rate per 1,000 estimated home population			
Crude	19.7		
Adjusted	17.9		
Comparability			
Factor	0.91		
Maternal Deaths (including abortion)			Nil
Maternal Mortality per 1,000 total (live and still)			Nil

Deaths of infants under one year of age:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	3	1	4
Illegitimate	-	-	-

Infant Mortality Rate:

Total Infant Deaths per 1,000 live Births 81.6.

Legitimate Infant Deaths per 1,000 Legitimate Live Births 66.6

Illegitimate Infant Deaths per 1,000 Illegitimate Live Births Nil

Deaths of Infants under 4 weeks of age:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	2	1	3
Illegitimate	-	-	-

Deaths of Infants under 1 week of age:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	2	1	3
Illegitimate	-	-	-

Neo-natal Mortality Rate (deaths under 4 weeks) per 1,000 Live Births 61.2

Early Neo-natal Mortality Rate (deaths under 1 week) per 1,000 live Births 61.2

Peri-natal Mortality Rate (Still Births & Deaths under 1 week combined) per 1,000 total (Live and Still) Births 115.4

Excess of deaths over live births 42

DEATHS

A substantial increase occurred in the number of deaths registered. The total of 91 was an increase of 20 on the previous year, 11 more than the previous five years average and the largest number since 1954.

The Crude Death Rate of 19.7 per 1,000 population was an increase of 4.5 per 1,000 on the previous year and was also the highest recorded for very many years. The average figure for the previous five years was 16.9 per 1,000 population.

On adjustment for external purposes this gave an Adjusted Death Rate of 17.9 per 1,000 population, an increase of 4.1 per 1,000 on the 1960 rate. For comparison purposes I give below the death rates of other neighbouring authorities and that of the country as a whole as follows:-

<u>Name of Area</u>	<u>Death Rate per 1,000</u> <u>pop'n.</u>	
	<u>Crude</u>	<u>Adjusted</u>
Brierfield U.D.	15.7	15.2
Burnley R.D.	14.6	16.4
Colne M.B.	17.6	17.1
Nelson	16.7	15.8
Padiham U.D.	14.6	14.8
Trawden U.D.	14.4	13.5
England and Wales	12.0	

Vascular Lesions of the nervous system was the principal cause of death with 18 deaths, giving a death rate of 3.90 per 1,000, followed by Coronary Disease/Angina with 15 deaths or 3.25 per 1,000 inhabitants. Deaths from cancer totalled 12, an increase of 1 on the previous year, giving a death rate of 2.60 per 1,000 or 0.44 in excess of the national rate for this cause.

The number of deaths exceeded the number of live births by 42 which is probably the largest such difference recorded. All but 3 of the 42 inward transfer deaths occurred in hospitals or institutions. From the age group analysis of the deaths it will be seen that the 70-75 years group had the largest number with 28 or 30.77% of the total.

INFANT DEATHS

Four deaths were of infants under the age of 12 months. This was the largest number since 1956 and gave an Infant Mortality Rate of 81.6 per 1,000 live births, a figure of 60.2 per 1,000 in excess of the national rate.

NEO-NATAL DEATHS

Three of the infant deaths were of children under the age of one week and these gave a Neo-natal Mortality Rate of 61.2 per 1,000 live births.

MATERNAL DEATHS

I am pleased to report that for the thirteenth successive year there was no Maternal Death.

Statistical tables giving Vital Statistics and other relative information are contained on pages 1 - 8 of the Appendix to this report.

GENERAL PROVISION OF
HEALTH SERVICES
FOR THE AREA

Particulars of the Public Health Officers of the Authority are given on page 1 of the report.

HOSPITALS

The Hospital Services for the area are provided by the Burnley and District Hospital Management Committee of the North-West Regional Hospital Board.

General Hospitals in the Burnley district available to Barrowford residents are as follows:-

Reedyford Memorial Hospital, Nelson.
Hartley Hospital, Colne.
General Hospital, Burnley.
Victoria Hospital, Burnley.

Patients suffering from infectious diseases are admitted to the Marsden Hospital, Burnley, and the Committee also provides recuperative accommodation at Grove House Recovery Home, Barrowford.

Maternity Hospitals available in the group are as follows:-

Fern Lea Maternity Home, Nelson.
Christiana Hartley Maternity Home, Colne.
Bank Hall Maternity Hospital, Burnley.

VENEREAL DISEASES CLINICS

These are also provided by the Burnley and District Hospital Management Committee at the Victoria Hospital, Burnley, where separate clinics are held twice a week for both male and female patients.

LABORATORY FACILITIES

The services of the Public Health Laboratory, Royal Infirmary, Meadow Street, Preston were made available for the use of your Authority. Samples of milk and ice cream have been submitted for examination the results of which are given in appropriate sections of the report.

TUBERCULOSIS SERVICE

The Chest Clinic for the area is at the Marsden Hospital, Burnley.

CARE OF THE AGED

Your Authority's Welfare Worker Scheme, which is similar to and administered with the Borough of Nelson Scheme, continued to prove effective for the care of the aged in their own homes. The scheme is supplementary to the services provided by the County Council.

NATIONAL ASSISTANCE ACTS 1948 & 1951. - Section 47.

It was not found necessary to take any action under this section during the year.

OTHER SERVICES

The Urban District of Barrowford forms part of the Lancashire County Council Health Division No.6. and the following is a summary of the services provided by the County Council and administered from the Divisional Health Office, Oakleigh, Reedley, Near Burnley.

Ambulance Services.

Care of the Aged in their own homes.

Care of Mothers and Young Children.

Child Welfare Centres

Ante-natal Clinics

Post-Natal Care

Dental Care

Day Nurseries

Care of Unmarried Mothers and their Children

Problem Families

Health Visiting

Home Help Service

Home Nursing

Immunization and Vaccination

Midwifery Service

Mental Health Service

Mental Deficiency

Mental Illness

National Assistance Act, 1948- Welfare Services

Residential Accommodation

Temporary Accommodation

Prevention of Illness, Care & After Care

Health Education and Propaganda

Care and After Care

Convalescent Home Care

Tuberculosis - Provision of Extra Nourishment

Home Help

Health Visiting

Protection of Children.

Loan of Nursing Equipment
Night Helps and Evening Helps
Welfare Services for Handicapped Persons
 Welfare of the Blind
 Welfare of Partially Sighted Persons
 Welfare of Deaf and Dumb Persons
 Welfare of Other Handicapped Persons.

Information regarding these services are given in
my report as Divisional Medical Officer.

SANITARY CIRCUMSTANCES

OF THE AREA

Water Supply

The statutory water undertaker for your Urban District is the North Calder Water Board which was established in October 1960. Water is derived from the Board's moorland gathering grounds covering an area of 5,000 acres, and from boreholes and springs. The total water storage capacity is over 545 million gallons.

Before going into supply the water is subject to filtration and chlorination treatment. It was supplied during the year to an estimated population of nearly 70,000 at the sale of over 3 million gallons per day, equal to 45 gallons per head of population.

The waters are not plumbo-solvent, but regular sampling of both the raw and treated waters is carried out by the Undertakings Officers. Samples for bacteriological examination were taken on 196 occasions during the year with satisfactory results. In addition 2 samples were taken for chemical examination, again with satisfactory results.

All houses in the urban part of the area are provided with an internal piped water supply from the Undertaking's mains. There are, however, some 43 dwellinghouses situated some distance from the mains, that rely on wells, springs, etc. for their supply. Connections to the public mains necessitating extensions of 510 yards were made to 33 newly built houses or flats during the year and 7 houses had joint service pipe connection replacements. It is estimated that a further 120 houses have a restricted water supply and would benefit from service pipe replacements.

DRAINAGE AND SEWERAGE

Your Council's Sewage Disposal Works is under the control of Mr. Highfield, your Surveyor and Public Health Inspector and is situated in the low lying area to the south west of the district in the parish of Old Laund Booth, which is actually in the Burnley Rural District.

The sewerage system, which serves all the urban area with the exception of farms and some houses on the outskirts, provides a natural gravitation to the Works. On arrival at the works sewage is screened before passing to detritus tanks and sedimentation tanks, through percolating filters and humus tanks, the final effluent being discharged into Pendle Water.

No new works of sewerage and sewage disposal or any additions were undertaken during the year, but 33 new houses or flats were connected to the sewage system.

Sanitary Accommodation at the end of 1961

Privy middens		
No. of middens		Nil
No. of closets attached to these		
	middens	nil
No. of pail closets		22
No. of dry ashpits(excluding middens)		Nil
No. of moveable ashbins		2,050
No. of trough closets		Nil
No. of waste water closets		508
No. of fresh water closets		1,160
Conversions during 1961		
No. of waste water to fresh water		
	closets	17
No. of houses on water carriage		
	system	1,904

Your Council continues to make a grant of five pounds towards the cost of each conversion of the other type of closet to the fresh water type. Every effort should be made to encourage such conversions.

PUBLIC CLEANSING

This is carried out by direct labour under the control and supervision of your Surveyor and Public Health Inspector.

Household and trade refuse is collected weekly and disposed of by means of controlled tipping at your Council's tip situate at Bull Holme. Collection is carried out by means of a vehicle staffed by a driver and loaders who are engaged on these duties all the working week.

The renewal of moveable dustbins to dwellinghouses is effected at the expense of the owners or occupiers thereof.

The 22 pail closets in the area are emptied fortnightly and dwellinghouse cesspools monthly. The contents of these are finally disposed of by being deposited in your Council's sewers.

Sanitary Inspections during 1961.

No. of premises in general visited	219
No. of visits to these premises	511
No. of defects or nuisances discovered	285
No. of defects of nuisances abated	272
No. of notices served - Informal	73
Statutory	Nil
No. of legal proceedings.	Nil

Analysis of Defects of Nuisances discovered during
the year

Gutters or rainwater pipes	35
Roofs	35
Windows	7
Wall and ceiling plaster	16
Dampness	3
Chimneys	12
Fireplaces	4
Floors	2
Electrical	27
Plumbing	59
Other joinery	64
Others	<u>21</u>
Total	<u>285</u>

Shops and Offices

Under the Shop Acts, 1950, relating to ventilation and temperature of shops and to sanitary conveniences, 12 inspections were made during the year and conditions were found to be satisfactory.

Under the Public Health Act, 1936, relating to conditions in offices, i.e., ventilation, sanitary conveniences, etc., 4 inspections were made and conditions found to be satisfactory.

Atmospheric Pollution Clean Air Act.1956

There are 8 factory chimneys within the district, but only 6 were in use at year end.

During the year 2 smoke observations were taken of these chimneys. Any smoke nuisances arising therefrom are dealt with informally by your Surveyor and Public Health Inspector.

Swimming Baths and Pools

There are no public baths or pools in Barrowford. The Public Baths and Open Air Swimming Pool in the Borough of Nelson provide facilities available to and used by Barrowford residents.

The water supply to both these premises is obtained from the mains of the Statutory Water Undertaking, The North Calder Water Board, and is subject to filtration and chlorination.

Disinfestation

No houses owned by the local authority, or otherwise were found to require disinfestation. Treatment, when necessary, with Gammaxane Formulation S.204 or Vermicene is the normal procedure and the work is carried out by the Local Authority with satisfactory results.

Prevention of Damage by Pests Act. 1949

1. No. of rodent operatives employed -
 - (a) Full Time - Nil
 - (b) Part Time - One.
2. Action relating to rodent control during the year ended 31st December, 1961.

A treatment service is available for both dwelling houses and other premises but in the latter case, a charge is made.

Your Council's tip and other properties are inspected regularly by the rodent operative, and treated if necessary.

	TYPE OF PROPERTY		Agri- cult- ural.
	Non-agri- cultural		
	Dwelling houses	All other	
(a) No. of properties in dist.	1926	127	40
(b) No. of properties inspected	112	68	9
(c) Total inspections carried out (inc. re-inspections)	151	74	9
(d) No. of properties inspected which were found to be infested by			
Rats - Major	-	1	-
Minor	4	3	-
Mice - Major	1	-	-
Minor	-	2	-
(e) No. of infested properties treated	5	16	-
(f) Total treatments carried out (inc. re-treatment)	7	12	-
(g) No. of 'Block' control schemes carried out	-	-	-
(h) Any other action	-	-	-

3. Particulars of other infestations under the Act
(s.28) - Nil.

Schools.

Number of schools in the district	2
Sanitary condition of schools:-	
(a) No. of unsatisfactory yard surfaces	Nil
(b) Sanitary accommodation - No. of Schools with	
(1) Fresh Water Closets	2
(2) Waste Water Closets	Nil
(3) Trough closets only	Nil
(4) Pail closets only	Nil
(5) Privy closets only	Nil
(c) Drainage - No. of Schools with drainage to:-	
(1) Public Sewers	2
(2) Private treatment works	Nil
(d) Refuse Disposal - No. of Schools with:-	
(1) Dustbins	2
(2) Dry Ashpits	Nil
(e) Water Supply - No. of Schools supplied from:-	
(1) Public Mains	2
(2) Private Supplies	Nil
(f) No. of Schools where facilities are considered unsatisfactory for :-	
(1) Washing	Nil
(2) Drinking	Nil

Offensive Trades

There are no offensive trades carried on within the area.

Factories Acts, 1937 to 1959

Your Council is responsible for enforcing certain provisions of the Factories Act, as follows:-

- (a) relating to sanitary conveniences, and
- (b) relating to cleanliness, overcrowding, temperature ventilation and drainage of floors in factories in which no mechanical power is used.

At the end of the year there were 29 factories on the register all of which had mechanical power.

Particulars of the inspections carried out and defects found during the year are as follows:-

Factories Acts, 1937 to 1959 - Part 1

1. Inspections for purposes of provisions as to health:

Premises	No. on Register	Inspections	Number of Written Notices	Occupiers prosecuted
(1) Factories in which Sec.1,2,3, 4 & 6 are to be enforced by the Local Authority	-	-	-	-
(2) Factories not included in (1) in which Sec. 7 is enforced by Local Authority	29	20	-	-
(3) Other premises in which Sec. 7 is enforced by Local Authority.	-	-	-	-
Total	29	20	-	-

2. Cases in which defects were found:

Particulars	Found	Number of Cases			No. of cases in which prosecutions were instituted
		Remedied	Referred to H.M. Insp.	From H.M. Insp.	
Offences under Sections 1,2,3,4,6 & 7	-	-	-	-	-
Other offences	-	-	-	-	-
Total	-	-	-	-	-

Part V111

(Sections 110 and 111)

1. Outwork

No notification of Outworkers was received during the year.

Factories Act, 1937

Observations on the administration of)
Parts 1 and V111 of the Act during 1961) Nil.

Rag Flock and Other Filling Materials Act, 1951

Number of registered premises at the end of year on which rag flock or other filling materials were used in manufacture of bedding, toys, etc.	Nil
Number of licensed premises at end of year on which rag flock was	
(a) Manufacture or manufactured and stored	Nil
(b) Stored only.....	Nil
Number of inspections during the year	Nil
Number of samples taken	Nil

Chief Sanitary Requirements of the District

As in former years, the chief sanitary requirement is the abolition of the insanitary waste-water closet and its replacement with the hygienic fresh water closet. Only 17 such conversions were carried out during the year and the conversion of the remainder 508 waste water closets is an essential requirement.

The Standard Grant Scheme should be instrumental in effecting conversions of this old type of closet accommodation, and also the provisions of other present-day essentials, e.g. bath, lavatory basin, hot and cold water supply and suitable food storage.

H O U S I N G

Number of new houses erected during the year:

	<u>Houses</u>	<u>Flats</u>
1. By the Local Authority	-	24
2. By other Local Authorities	-	-
3. By other bodies or persons	9	-

Inspections of dwelling-houses during the year.

1.(a)	Total No.of dwelling houses inspected formally or informally for housing defects (Under Public Health or Housing Acts).....	139
(b)	No. of inspections, formal or informal made for the purpose.....	302
(c)	No. of dwelling-houses in (a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit.....	139
2.	Total number of dwelling-houses existing at end of year which were unfit for human habitation and not capable at reasonable expense of being rendered fit.....	254

2. Houses Demolished

	Houses Demolished	DISPLACED DURING YEAR	
		Persons	Families
In Clearance Areas:			
(1) Houses unfit for human habitation	1	-	-
(2) Houses included by (etc. reason of bad arrangements -	-	-	-
(3) Houses on land acquired under S.43(2) Housing Act.1957	-	-	-
Not in Clearance Areas			
(4) As a result of formal or informal procedure under S.17(1) Housing Act,1957	8	-	-
(5) Local authority-owned houses certified unfit by M.O.H.	-	-	-
(6) Houses unfit for human habitation where action has been taken under Local Acts	-	-	-
(7) Unfit houses included in Unfitness Orders	-	-	-

3. Unfit Houses Closed:

- (1) Under Sections 16(4), 17(1), and 35(1) Housing Act 1937
- (2) Under Ss. 17(3) and 26 Housing Act, 1957
- (3) Parts of buildings closed under S. 18 Housing Act, 1957

Number	Displaced During Year	
	Persons	Families
-	-	-
-	-	-
-	-	-

4. Unfit Houses Made Fit & Houses in which Defects were remedied

- (1) After informal action by Local Authority.....
- (2) After formal notice under
 - (a) Public Health Acts
 - (b) Housing Act 1957 S9 & 16
- (3) Under Housing Act, 1957 S. 24

By Owner	By Local Authority
139	
-	-
-	-
-	-

5. Unfit Houses in Temporary Use (Housing Act 1957):

Position at end of year:

- (1) Retained for temporary accommodation:
 - (a) Under Section 48
 - (b) Under Section 17(2)
 - (c) Under Section 46
- (2) Licensed for temporary occupation under Secs. 34 & 53

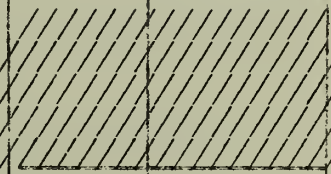
No. of houses	No. of separate dwellings cont. in col. (1)
-	-
-	-
-	-
-	

6. Purchase of Houses by Agreements

Houses in Clearance Areas other than those incl. in Confirmed Clearance Orders of Compulsory Purchase Orders, purchased during the year.

No. of houses	No. of occupants of houses in column (1)
-	-

7. Housing Act, 1949 & Housing (Financial Provisions) Act, 1958 - Improvement Grants, etc.

Action during year.	Private Bodies or individuals		Local Authority	
	No. of Schemes	No. of dwelling houses or other buildings affected	No. of Schemes	No. of dwelling houses or other buildings affected.
(a) Submitted by private individuals to Local Authority	-	-		
(b) Approved by Local Authority	-	-		
(c) Submitted by Local Authority to Ministry	-	-		
(d) Finally approved by Ministry	-	-	-	-
(e) Work completed	-	-	-	-
(f) Additional separate dwellings incl. in (e) above		-		-

(g) Any other action taken under the Acts. Nil.

8. House Purchaes & Housing Act, 1959 - Standard Grant:

Action during year	No. of dwellings or other buildings affected
(a) Applications submitted to local Authority	33
(b) Applications approved by local Authority	33
(c) Work completed	43

Remarks - Nil.

Housing Conditions

On the whole housing conditions are good. Terraced houses of good stone construction form the majority, and most of the remainder are modern first-clas dwellinghouses, mostly situate away from the main thoroughfare. More than half the dwelling-houses are owner-occupied and generally well maintained.

A certain amount of old property does exist and this probably forms about 12% of the total. It is mostly back-to-back and generally lacking in amenities.

It is estimated that there are approximately 290 houses without separate closet accommodation, 260 back-to-back houses, 22 other houses without through ventilation and 40 houses without an adequate internal water supply. In all there are some 200 houses which are considered to be unfit.

During the year your authority completed the erection of 24 flats and 9 new houses were completed by other bodies or persons. There is no general shortage of houses but small dwellings of the one or two bedroom type are required. The provision of suitable sites for new houses would not appear to present any special difficulties.

Moveable Dwellings and Camping Sites

No sites in the area were used for camping sites during the year, and no licences were issued by the Local Authority under Section 269 of the Public Health Act, 1936, in respect of sites or individual moveable dwellings.

Other Premises.

There are no Common Lodging Houses or Underground Sleeping Rooms within the area.

No inspections were made of canal boats.

INSPECTION AND SUPERVISION OF FOOD

Milk Supply - Sampling

As part of the arrangement between your Authority and the Borough of Nelson, officers from the Public Health Department, Nelson, took informal samples of milk from vendors in your area during the year. A total of 78 samples were taken and submitted to laboratory examination with the following results:

(a) Samples of Biological Examination

Total No. submitted	No. of samples	Results		
		Positive	Negative	No Result
	42			
Results:-				
(i) Tuberculosis		-	40	2
(ii) Brucellosis-Ring Test		10	32	-
(iii) Brucellosis-Culture Test		1	-	-
(iv) Brucellosis- Biological Test		3	-	-

(b) Samples for Statutory Tests:-

Raw Milk:	No. of samples	Results		
		Satisfactory	Unsatisfactory	Void Samples
(1) Methylene Blue Test	36	33	2	1
Heat Treated Milk:				
(1) Methylene Blue Test	-	-	-	-
(ii) Phosphatase Test	-	-	-	-
(iii) Turbidity Test	-	-	-	-

There were no notifications from any local authority of tuberculous milk produced within the district and therefore no Ministry investigations of such by the Divisional Inspector of the Ministry of Agriculture, Fisheries and Food.

Also no action was required to be taken during the year under Regulations 19 and 20 of the Milk and Dairies (General) Regulations, 1959, or under the Public Health (Prevention of Tuberculosis) Regulations, 1925.

Meat and Other Foods

There is no licensed slaughterhouse in Barrowford and so all meat for the area comes from external sources.

A general inspection is carried out, of shops and other premises where food is prepared.

Number of food premises, by type of business, in the district at the end of the year:-

General grocers and provision dealers	25
Greengrocers and fruiterers (including wet fish and game etc.)	7
Fishmongers (inc. poultry, game etc.)	-
Meat Shops (butchers, cooked meats etc).	7
Bakers and/or confectioners	3
Fried Fish Shops	2
Sweet shops (mineral, ice-cream, etc.)	4
Licensed premises, clubs, canteens, restaurants, cafes, snack bars etc.	10
Others	37

Number of food premises, by type, registered under Section 16 of the Food and Drugs Act, 1955, the Lancashire County Council Acts, or other Local Acts, for manufacture and sale of ice-cream or preserved foods.

<u>Type of Business</u>	<u>No. of Premises</u> <u>register</u> <u>31.12.61.</u>	<u>No. of Inspections</u> <u>during 1961</u>
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Grocers	25	25
Greengrocers	7	7
Sweets, etc.	4	4
Butchers	7	8
Cooked Meats	1	3
Fish and Chips	2	4
Confectioners	3	5

During the year fourteen samples of ice-cream were taken and submitted to the laboratory for bacteriological examination.

The results were as follows:-

Grade 1 - 11 samples
Grade 2 - 2 samples
Grade 3 - 1 sample

Subsequent samples from the vendors supplying the Grades 2 & 3 samples were later reported Grade 1.

Food Inspection

The following foodstuffs were inspected, found unfit for human consumption and surrendered voluntarily for destruction.

<u>Type of Food</u>	<u>No. of Containers</u>	<u>Cwt.</u>	<u>Qtrs.</u>	<u>Llbs.</u>	<u>Ozs.</u>
Meat Products	36	1	0	17	15
Vegetables	-	-	3	16	0
Total	36	2	0	5	15

Food Poisoning

Three cases of food poisoning were reported during the year.

Food and Drugs Act, 1955

The Food and drugs Authority for the area is the Lancashire County Council and samples of milk and other foods are taken in the district by an officer of that authority, and submitted for analysis to the County Laboratory at Preston.

The following information relative to the samples taken in Barrowford during 1961, has been kindly supplied to me by Dr.S.C. Gawne, the County Medical Officer of Health.

A total of 25 samples was obtained; of these 14 were milk and the 11 others comprised:-

1 Oatmeal	1 White pepper
1 Pure sterilised dairy cream, canned	1 Syrup
1 Sponge cake and sponge pudding mixture, sweetened	1 Sponge Mixture
1 Mincemeat	1 Dried Milk
1 Apples	1 Baking Powder
	1 Oranges

I give below details of samples upon which the County Analyst gave adverse reports:-

<u>Type of Sample</u>	<u>Result of Analysis</u>	<u>Action Taken</u>
1 Dried Milk	Solubility only 81.7%	No action taken
1 Mincemeat	Surface of sample lightly contaminated with mould. Jar not hermetically sealed.	Remaining Stock examined.

Clean Food Campaigns

Your Authority adopted Byelaws for the Handling of Food, etc. in 1950 and general inspections of food premises were carried out during the year, but otherwise no special action was taken in connection with Clean Food Campaigns.

Prevalence & Control over Infectious Diseases

Only 7 Notifications were received during the year, 1 Scarlet Fever, 1 Measles, 3 Food Poisoning, and 2 cases of Respiratory Tuberculosis.

No deaths from notifiable diseases were registered during the year.

The names of only three patients, all males, respiratory cases were added to the Register of Tuberculous Patients, but five cases, two males and three females (all respiratory) were removed from the records, three of the patients having "recovered", one died and one had removed from the district.

At the end of the year there were 36 names on the register, 30 respiratory cases (19 males and 11 females) and 6 non-respiratory cases (1 male and 5 females). This was a decrease of two cases on the position at the beginning of the year.

The notification of tuberculosis was apparently efficient and no action was found to be necessary under Section 172 of the Public Health Act, 1936 for the compulsory removal to hospital of infectious persons suffering from tuberculosis of the respiratory tract.

Enquiries concerning patients suffering from certain of the infectious diseases, the supplying of free disinfectant and the terminal disinfection of rooms, clothing, bedding, etc. is carried out by the staff of the Public Health Department, Nelson, in accordance with an agreement between the two authorities.

During the year no houses, nor articles of clothing, bedding, etc. were disinfected. Formalin spray or vapourisation is the method used for rooms. Articles of clothing, bedding, etc. are subjected to steam disinfection, the apparatus used being the property of Nelson Corporation and situate at the Cleansing Department, Charles Street, Nelson. This apparatus was temporarily out of use but arrangements were made with the Burnley County Borough.

STATISTICAL APPENDIX

APPENDIX

1. Various Barrowford Rates for 1956-61 and the average of the 5 years 1956-60.
2. Comparative Table showing Birth Rates, Death Rates and Analysis of Mortality for 1961.
3. Analysis of deaths from various causes with equivalent death rates, 1961.
4. Summary of Ages at Death, 1961.
5. Monthly Analysis of Deaths showing rates per 1,000 population, 1961.
6. Analysis of Infectious and Other Notifiable Diseases according to Disease and Age of Patient, during 1961.
7. Comparison of Case Rates for certain Infectious and Other Notifiable Diseases, 1961.

VARIOUS BARROWFORD RATES FOR THE YEARS 1956-61 AND
THE AVERAGE OF THE 5 YEARS, 1956-60.

2-

	Live Births.		Deaths(all causes)		Still Births		Maternal Mortality		Infant Mortality		Neo-Natal Mortality	
	No. Reg-ist-ered	Rate per 1000 pop.	No. Reg-ist-ered	Rate per 1000 pop.	No. Reg-ist-ered	Rate per 1000 total births	No. of deaths reg-ist-ered	Rate per 1000 total births	No. of deaths reg-ist-ered	Rate per 1000 live births	No. of deaths reg-ist-ered	Rate per 1000 live births
1961	49	10.6	91	19.7	3	58	Nil	Nil	4	82	3	61
1960	69	14.7	71	15.2	1	14	Nil	Nil	1	14	1	14
1959	65	13.8	82	17.4	5	71	Nil	Nil	1	15	1	15
1958	62	13.1	77	16.3	3	46	Nil	Nil	2	32	2	32
1957	77	16.2	82	17.3	3	38	Nil	Nil	4	52	3	39
1956	68	14.3	87	18.4	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Aver 5 yrs.	68	14.4.	80	16.9	2.4	33.8	Nil	Nil	1.6	22.6	1.4	20

\bar{x} Adjusted: Live. Birth Rate { Comparability Fact.1.12 } = 11.9
 Death Rate { Comparability Fact.0.91 } = 17.9

Comparative Table showing Birth Rates, Death Rates
and analysis of Mortality for the year 1961.

	England & Wales	Nelson	Barrowford
	Rates per 1,000 home population		
Births		≠	ø
Live Births	17.4	16.5	10.6
Still Births	(0.33 (18.7(a)	(0.52 (31.1(a)	(0.64 (57.7(a)
Deaths			ø
All causes	12.0	16.7	19.7
Tuberculosis (all forms)	0.072	0.03	Nil
Respiratory	0.065	0.03	Nil
Non-respiratory	0.007	Nil	Nil
Cancer (all forms)	2.16	2.27	2.60
Lung and Bronchus	0.49	0.44	0.43
Other cancer	1.67	1.83	2.16
Maternal Mortality (total)	0.33(a)	Nil	Nil
Maternal Causes (excl. Abortion)	0.27(a)	Nil	Nil
Due to abortion	0.07(a)	Nil	Nil
	Rates per 1,000 live births		
Infant Mortality	21.4(b)	13.2	81.6
Neo-natal Mortality	15.5(b)	11.3	61.2

(a) Per 1,000 total (live and still) births

(b) Per 1,000 related births.

≠ Adjusted: Live Birth Rate 17.8 per 1000 (Comp. Fact. 1.08)
Death Rate 15.8 per 1000 (" " 0.95)
ø Adjusted: Live Birth Rate 11.9 per 1000 (" " 1.12)
Death Rate 17.9 per 1000 (" " 0.91)

ANALYSIS OF DEATHS DURING 1961 ACCORDING TO CAUSES

<u>Cause of Death</u>	<u>Number of Deaths</u>			<u>Death Rate per 1000 of population</u>
	<u>M</u>	<u>F</u>	<u>Total</u>	
Tuberculosis, respiratory	-	-	-	-
Tuberculosis, other	-	-	-	-
Syphilitic diseases	-	-	-	-
Diphtheria	-	-	-	-
Whooping Cough	-	-	-	-
Meningococcal Infection	-	-	-	-
Acute Poliomyelitis	-	-	-	-
Measles	-	-	-	-
Other Infective and parasitic diseases	-	-	-	-
Malignant neoplasm, stomach-	-	2	2	0.43
" "lungbronchus	2	-	2	0.43
" neoplasm, breast-	-	2	2	0.43
" " uterus	-	1	1	0.22
Other malignant andlymphatic neoplasms	2	2	4	0.86
Leukamia, aleukaemia	1	-	1	0.22
Diabetes	-	1	1	0.22
Vascular lesions of nervous system	2	16	18	3.90
Coronary disease, angina	9	6	15	3.25
Hypertension with heart disease	-	-	-	-
Other heart disease	2	6	8	1.73
Other circulatory disease	4	4	8	1.73
Influenza	-	2	2	0.43
Pneumonia	3	1	4	0.86
Bronchitis	1	4	5	1.08
Other diseases of respiratory system	-	-	-	-
Ulcer of stomach or duodenum	-	-	-	-
Gastritis, enteritis and diarrhoea	-	1	1	0.22
Nephritis and nephrosis	1	-	1	0.22

<u>Cause of Death</u>	<u>Number of Deaths</u>			<u>Death Rate per 1000 of population</u>
	<u>M.</u>	<u>F</u>	<u>Total</u>	
Hyperplasia of prostate	-	-	-	-
Pregnancy, childbirth and abortion	-	-	-	-
Congenital malformations	-	-	-	-
Other defined and ill- defined diseases	8	3	11	2.38
Motor Vehicle accidents	-	-	-	-
All other accidents	4	-	4	0.86
Suicide	1	-	1	0.22
Homicide and operations of war	-	-	-	-
All causes	40	51	91	19.69

SUMMARY OF AGES AT DEATH DURING 1961

Age Groups	Deaths in Barrowford		Outward Transfers		Inward Transfers		To deaths allocated to Barrowford		% of each group to total deaths	
	M.	F.	M.	F.	M.	F.	M.	F.	Total	
Over & under										
0 - 1 year	-	-	-	-	3	1	3	1	4	4.39
1 - 2 years	-	-	-	-	-	-	-	-	-	-
2 - 5 "	1	-	-	-	-	-	1	-	1	1.10
5 - 10 "	-	-	-	-	-	-	-	-	-	-
10 - 15 "	-	-	-	-	-	-	-	-	-	-
15 - 20 "	-	-	-	-	-	-	-	-	-	-
20 - 25 "	-	-	-	-	1	-	1	-	1	1.10
25 - 30 "	-	-	-	-	-	-	-	-	-	-
30 - 35 "	-	-	-	-	-	-	-	-	-	-
35 - 40 "	-	-	-	-	-	-	-	-	-	-
40 - 45 "	-	-	-	-	-	-	-	-	-	-
45 - 50 "	-	-	-	-	-	-	-	-	-	-
50 - 55 "	-	-	-	-	-	-	-	-	-	-
55 - 60 "	2	-	1	-	1	-	2	-	2	2.20
60 - 65 "	-	-	-	-	-	-	-	-	-	-
65 - 70 "	1	-	-	-	2	1	2	3	5	2.20
70 - 75 "	2	7	-	-	6	2	8	9	17	5.49
75 - 80 "	5	11	1	-	7	5	12	16	28	18.68
80 - 85 "	2	8	-	-	1	4	3	9	11	30.77
85 - 90 "	1	4	-	1	5	1	6	7	13	12.09
90 - 95 "	1	3	-	-	-	-	1	4	5	14.29
95 - 100 "	-	2	-	-	-	-	-	2	2	5.49
Totals	15	37	2	1	27	15	40	51	91	100.00

Monthly Analysis of Deaths during 1961 showing Rates

	<u>Actual deaths in Bar- rowford</u>	<u>Outward Trans- fers</u>	<u>Inward Trans- fers</u>	<u>Nett deaths for Bar- rowford Number</u>	<u>Rate per 1,000 population</u>
January	7	1	6	12	2.60
February	13	-	4	17	3.68
March	6	-	3	9	1.95
April	4	-	5	9	1.95
May	3	-	1	4	0.86
June	6	1	5	10	2.16
July	-	-	3	3	0.65
August	3	-	3	6	1.30
September	3	-	5	8	1.73
October	2	-	3	5	1.08
November	2	-	3	5	1.08
December	3	1	1	3	0.65
Totals	<u>52</u>	<u>3</u>	<u>42</u>	<u>91</u>	<u>19.69</u>

Infectious & Other Notifiable Diseases Notified
During 1961

Notifiable Disease	Total Cases	Age Periods:						25 & over
		under 1	1-4	5-9	10-14	15-24	25 & over	
Scarlet Fever	1	-	-	-	-	1	-	-
Measles	1	-	1	-	-	-	-	-
		0-4	5-9	10-14	15-24	25 & over		
Food Poisoning	3	2	1	-	-	-	-	-
Tuberculosis- Respiratory	2	-	-	1	-	-	1	-

Case Rates for Certain Infectious & Other Notifiable Diseases for England & Wales, Nelson & Barrowford, During the Year 1961.

Disease	England and Wales (1)	Nelson (2)	Barrowford (3)
	Rates per 1,000 home population		
Typhoid Fever	0.002	Nil	Nil
Paratyphoid Fever	0.005	Nil	Nil
Meningococcal infections	0.014	Nil	Nil
Scarlet Fever	0.433	0.65	0.22
Whooping Cough	0.530	0.40	Nil
Diphtheria	0.001	Nil	Nil
Erysipelas	0.048	0.09	Nil
Small pox	0.000	Nil	Nil
Measles	16.522	1.71	0.22
Acute Pneumonia	0.400	0.46	Nil
Acute Poliomyelitis-			
Paralytic	0.017	Nil	Nil
Non-paralytic	0.004	Nil	Nil
Acute Encephalitis			
Infective	0.003	Nil	Nil
Post Infectious	0.003	Nil	Nil
Dysentery	0.442	0.21	Nil
Food Poisoning	0.170	0.17	0.65
Puerperal Pyrexia	0.181	Nil	Nil
Tuberculosis-			
Respiratory	0.416	0.17	0.43
Meninges & C.N.S.	0.004	Nil	Nil
Other	0.055	0.09	Nil
Anthrax	0.000	Nil	Nil
Typhus Fever	0.000	Nil	Nil

Estimated population (1) 46,166,000
(2) 32,140
(3) 4,620

